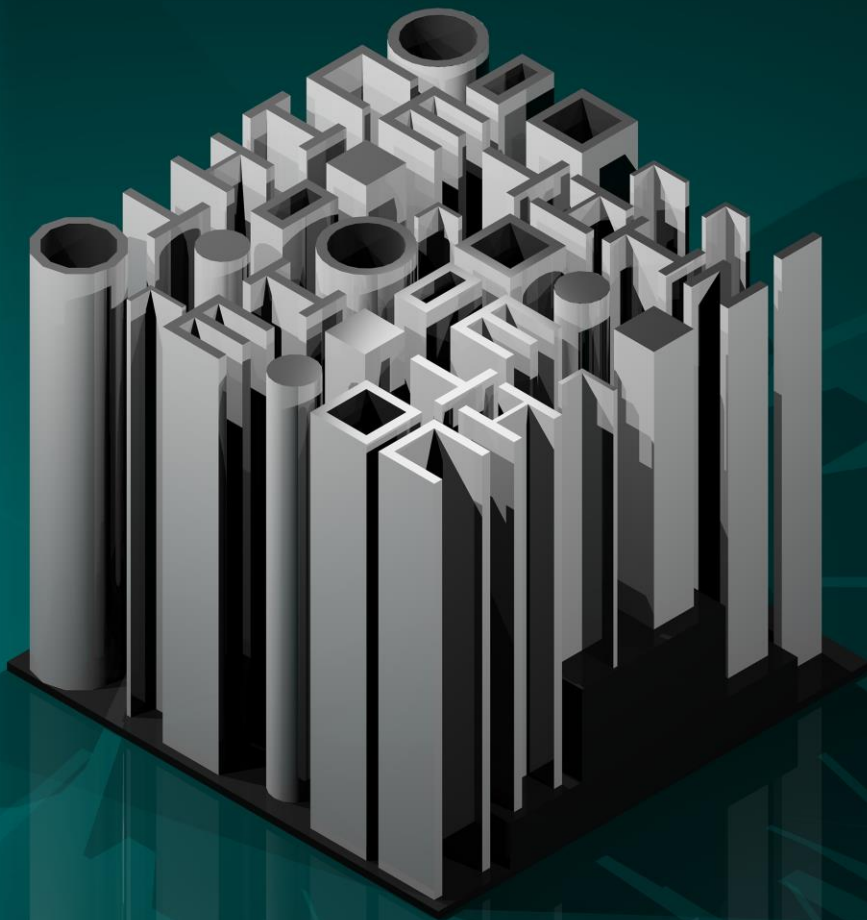




# ALUMINISAL

## ALUMINUM STANDARD SECTIONS





### RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
1	11204	12	5	0.162
2	11213	12	6	0.195
3	11256	12	10	0.324
4	11205	15	2	0.081
5	11101	15	3	0.122
6	11203	15	5	0.203
7	11221	18	6	0.292
8	11206	20	2	0.108
9	11104	20	3	0.162
10	11103	20	4	0.216
11	11161	20	5	0.270
12	11210	20	6	0.324
13	11240	20	8	0.432
14	11165	20	10	0.540
15	11245	20	15	0.810
16	11115	23	2.5	0.155
17	11219	24	1.75	0.113
18	11207	25	2	0.135
19	11116	25	2.5	0.169
20	11128	25	3	0.203
21	11235	25	3.5	0.236
22	11129	25	4	0.270
23	11130	25	5	0.338
24	11224	25	6	0.405
25	11253	25	8	0.540



## RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
26	11109	25	10	0.675
27	11272	25	12	0.810
28	11402	25	15	1.013
29	11106	25	20	1.350
30	11262	30	2	0.162
31	11107	30	3	0.243
32	11110	30	5	0.405
33	11180	30	5.8	0.470
34	11283	30	6	0.486
35	11212	30	8	0.648
36	11175	30	10	0.810
37	11271	30	12	0.972
38	11179	30	15	1.215
39	11181	30	19.5	1.580
40	11189	30	20	1.620
41	11248	30	25	2.025
42	11184	30	27.5	2.228
43	11273	35	8	0.756
44	11260	35	9.5	0.898
45	11259	35	15	1.418
46	17314	35	25	2.363
47	11148	36	3	0.292
48	11286	36	6	0.583
49	11187	36	25	2.430
50	11220	38	6	0.616



## RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
51	11190	40	3	0.324
52	11151	40	4	0.432
53	11108	40	5	0.540
54	11117	40	6	0.648
55	11111	40	8	0.864
56	11176	40	10	1.080
57	11218	40	12	1.296
58	11119	40	15	1.620
59	11131	40	20	2.160
60	11258	40	25	2.700
61	11249	40	30	3.240
62	11167	45	3	0.365
63	11135	50	2.5	0.338
64	11191	50	3	0.405
65	11121	50	4	0.540
66	11112	50	5	0.675
67	11214	50	6	0.810
68	11241	50	8	1.080
69	11114	50	10	1.350
70	11255	50	12	1.620
71	11122	50	15	2.025
72	11154	50	20	2.700
73	11123	50	21	2.835
74	11051	50	25	3.375
75	11124	50	25.5	3.443



## RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
76	11102	50	30	4.050
77	11157	50	35	4.725
78	11125	50	39	5.265
79	11126	50	45	6.075
80	11133	52	3	0.421
81	11132	55	5.1	0.758
82	11195	60	3	0.486
83	11150	60	4	0.648
84	11113	60	5	0.810
85	11149	60	6	0.972
86	11242	60	8	1.296
87	11194	60	10	1.620
88	11155	60	15	2.430
89	11202	60	20	3.240
90	11239	60	25	4.050
91	11250	60	30	4.860
92	11127	60	40	6.480
93	11209	65	12	2.106
94	11147	66	10	1.782
95	11136	66	15	2.673
96	11243	70	10	1.890
97	11246	70	15	2.835
98	11247	70	20	3.780
99	11251	70	30	5.670
100	11137	75	5	1.013



## RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
101	11222	75	6	1.215
102	11257	80	5	1.080
103	11173	80	6	1.296
104	11152	80	8	1.728
105	11168	80	10	2.160
106	11244	80	12	2.592
107	11138	80	15	3.240
108	11160	80	20	4.320
109	11174	80	40	8.640
110	11264	90	16	3.888
111	11252	100	4	1.080
112	11141	100	5	1.350
113	11223	100	6	1.620
114	11169	100	8	2.160
115	11139	100	9.3	2.511
116	11134	100	10	2.700
117	11153	100	13	3.510
118	11159	100	15	4.050
119	11052	100	40	10.800
120	11144	120	9.6	3.110
121	11143	120	10	3.240
122	11237	120	15	4.860
123	11140	135	7	2.552
124	11275	150	4	1.620
125	11050	150	8	3.240



## RECTANGULAR BARS: WITH SHARP CORNERS

No	Profile No.	B mm	T mm	Weight Kg/Ml
126	11163	150	10	4.050
127	11177	150	12.5	5.063
128	11178	150	15	6.075
129	11201	155	12	5.022
130	11171	200	20	10.800
131	11100	205	6	3.321



### RECTANGULAR BARS: WITH ROUND CORNERS & SPECIAL SHAPES

No	Profile No.	B mm	T mm	R	Weight Kg/Ml
1	11015	18	3	1.5	0.141
2	11001	20	4	2.00	0.207
3	11269	25	2.5	1.25	0.168
4	11029	25	4	2.00	0.261

مطلوب وضع الرسم

No	Profile No.	B mm	T mm	R	Weight Kg/Ml
1	11236	20	3	1.50	0.159
2	11120	25	8	1.00	0.540

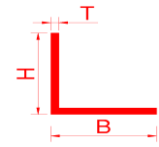


No	Profile No.	B mm	T mm	R1	R2	Weight Kg/Ml
1	11400	22	15	13.04	4.5	0.678
2	11401	25	11	61.5	5	0.645



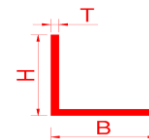
No	Profile No.	B mm	T mm	R	Weight Kg/Ml
1	11118	20	5	2.5	0.266





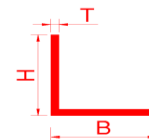
### EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
1	18190	10	10	1.5	0.075
2	18100	10	10	2	0.097
3	18172	12	12	1.6	0.097
4	18168	15	15	1.1	0.086
5	18119	15	15	1.5	0.115
6	18151	15	15	1.6	0.123
7	18152	15	15	1.7	0.130
8	18120	15	15	2	0.151
9	18169	18	18	1.1	0.104
10	18122	18	18	1.4	0.131
11	18186	19	19	1.2	0.119
12	18176	20	20	1	0.105
13	18109	20	20	1.5	0.156
14	18102	20	20	1.65	0.171
15	18104	20	20	1.8	0.186
16	18105	20	20	2	0.205
17	18106	20	20	2.5	0.253
18	18111	20	20	3	0.300
19	18182	23	23	1.1	0.133
20	18123	23	23	1.4	0.169
21	18177	25	25	1	0.132
22	18112	25	25	1.4	0.184
23	18110	25	25	1.5	0.196
24	18108	25	25	1.8	0.234
25	18107	25	25	2	0.259
26	18143	25	25	3	0.381



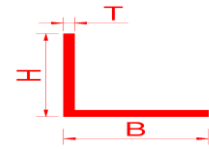
## EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
27	18144	25	25	4	0.497
28	18183	28	28	1.1	0.163
29	18121	28	28	1.4	0.206
30	18117	28	28	2.5	0.361
31	18178	30	30	1	0.159
32	18113	30	30	1.5	0.237
33	18114	30	30	1.6	0.252
34	18115	30	30	2	0.313
35	18116	30	30	3	0.462
36	18150	30	30	4	0.605
37	18139	30	30	5	0.743
38	18148	35	35	2	0.367
39	18153	35	35	3	0.543
40	18159	35	35	3.5	0.628
41	18118	38	38	3.5	0.685
42	18136	38	38	6	1.134
43	18133	40	40	1.6	0.339
44	18124	40	40	2	0.421
45	18125	40	40	3	0.624
46	18158	40	40	3.5	0.723
47	18127	40	40	3.7	0.762
48	18126	40	40	4	0.821
49	18155	40	40	5	1.013
50	18146	45	45	1.8	0.429
51	18134	50	50	1.8	0.477



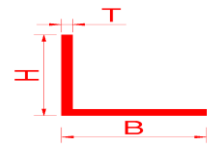
### EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
52	18128	50	50	2	0.529
53	18129	50	50	3	0.786
54	18130	50	50	4	1.037
55	18132	50	50	5	1.283
56	18137	50	50	6	1.523
57	18167	50	50	8	1.987
58	18142	50	50	10	2.430
59	18181	60	60	1.5	0.480
60	18156	60	60	3	0.948
61	18140	60	60	4	1.253
62	18160	60	60	5	1.553
63	18135	60	60	6	1.847
64	18141	60	60	8	2.419
65	18154	75	75	3	1.191
66	18175	80	80	3	1.272
67	18138	80	80	5	2.093
68	18165	80	80	6	2.495
69	18164	80	80	8	3.283
70	18171	84.2	84.2	9.7	4.156
71	18162	100	100	6	3.143
72	18163	100	100	10	5.130



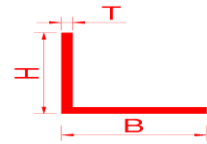
### UN-EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
1	19161	15	10	1.5	0.095
2	19100	15	10	2	0.124
3	19155	19	10	1.6	0.118
4	19105	20	8	2	0.140
5	19117	20	10	2	0.151
6	19164	20	15	1.5	0.135
7	19106	20	15	2	0.178
8	19111	20	15	3	0.259
9	19104	25	10	1.5	0.136
10	19102	25	15	2	0.205
11	19160	25	19	6	0.617
12	19169	25	20	2	0.232
13	19194	27	20	2	0.243
14	19190	27	25	4	0.519
15	19112	30	15	2	0.232
16	19188	30	15	3	0.340
17	19163	30	20	1.5	0.197
18	19109	30	20	2	0.259
19	19187	30	20	3	0.381
20	19134	30	20	4	0.497
21	19154	32	19	3	0.389
22	19141	40	10	2	0.260
23	19130	40	15	2	0.286
24	19193	40	20	1.2	0.191
25	19131	40	20	1.5	0.237



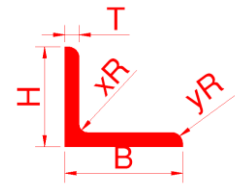
### Un-EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
26	19108	40	20	2	0.313
27	19101	40	20	3	0.462
28	19125	40	20	4	0.605
29	19137	40	25	2.5	0.422
30	19136	40	25	3	0.502
31	19126	40	30	2	0.367
32	19118	40	30	3	0.543
33	19107	40	30	4	0.713
34	19186	50	20	2	0.367
35	19139	50	20	3	0.543
36	19138	50	25	2	0.394
37	19140	50	25	2.5	0.489
38	19153	50	25	3	0.584
39	19168	50	30	2	0.421
40	19110	50	30	3	0.624
41	19142	50	30	5	1.013
42	19158	50	40	2	0.475
43	19196	50	40	4	0.929
44	19185	60	20	2	0.421
45	19129	60	20	3	0.624
48	19144	60	25	2	0.448
46	19167	60	30	2	0.475
47	19135	60	30	3	0.705
48	19113	60	40	2	0.529
49	19127	60	40	3	0.786
50	19184	60	40	5	1.283



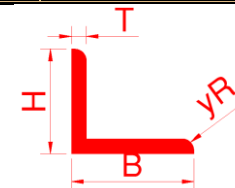
### UN-EQUAL ANGLES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/Ml
51	19172	70	30	2	0.529
52	19192	76.2	25.4	3.2	0.851
53	19166	80	20	2	0.529
54	19173	80	30	3	0.867
55	19120	80	40	2	0.637
56	19183	80	40	3	0.948
57	19123	80	40	4	1.253
85	19182	80	40	6	1.847
59	19132	90	50	4	1.469
60	19133	90	60	2.5	0.996
61	19165	100	20	2	0.637
62	19159	100	50	2	0.800
63	19181	100	50	3	1.191
64	19116	100	50	5	1.958
65	19152	100	50	6	2.333
66	19180	100	50	10	3.780
67	19309	111.5	42.8	4.8	1.938
68	19313	120	40	4	1.685
69	19156	150	100	5	3.308

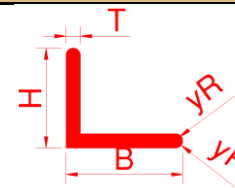


### UN-EQUAL ANGLES WITH SPECIAL SHAPES

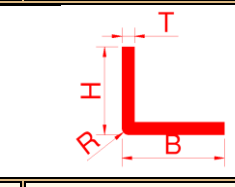
No	Profile No.	B mm	H mm	T mm	XR	YR	Weight Kg/Ml
1	19305	45	30	5	5.0	3.0	0.945
2	19306	63.50	40	6.4	6.4	3.2	1.678
3	19191	76.2	50.8	4.8	0.5	0.5	1.582
4	19311	77	28	2	2.0	1	0.546
5	19310	120	50	15	5.0	15	6.030



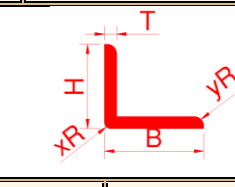
No	Profile No.	B mm	H mm	T mm	R	Weight Kg/ml
1	19308	120	50	5	5	2.119



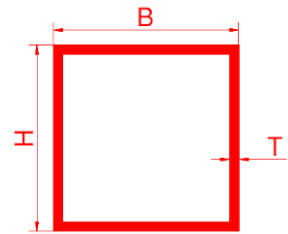
No	Profile No.	B mm	H mm	T mm	R	Weight Kg/ml
1	19222	141	41	8	2	3.749



No	Profile No.	B mm	H mm	T mm	R	Weight Kg/ml
1	19151	19	6.3	1.3	1	0.084
2	19226	40	14.5	2	0.5	0.284



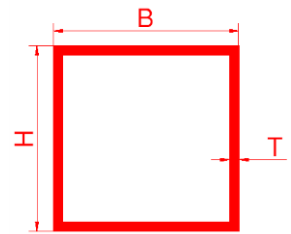
No	Profile No.	B mm	H mm	T mm	R		Weight Kg/ml
1	19224	20	13	3	X 1.5	Y 1.0	0.243



### SQUARE TUBES WITH ROUND CORNERS

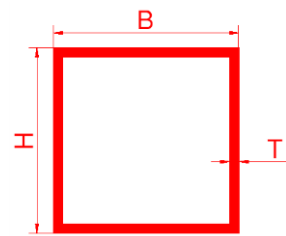
No	Profile No.	B mm	H mm	T mm	CR mm	XR mm	Weight Kg/ml
1	16207	22	22	1.95	0.5	-	0.432
2	16419	25	25	1.6	1.6	-	0.405
3	16401	25	25	2.5	4.5	2	0.570
4	16402	26	26	1.5	2.5	1	0.385
5	16413	30	30	1.5	1.5	-	0.456
6	16416	32	32	1.6	1.6	-	0.524
7	16415	38	38	1.6	1.6	-	0.624
8	16409	40	40	2	1	-	0.819
9	16408	40	40	4	2	1	1.548
10	16417	50	50	1.6	1.6	-	0.856
11	16418	50	50	3	1.6	-	1.523
12	37207	58	58	2	2.5	0.5	1.196
13	16411	60	60	3	5	2	1.798
14	16410	60	60	4.5	4	2	2.670





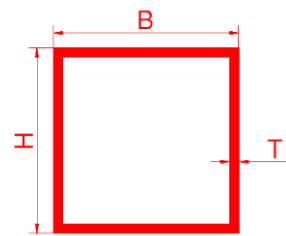
### SQUARE TUBES: WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
1	16200	13	13	1	0.135
2	16201	15	15	1.5	0.219
3	16264	15	15	2	0.281
4	16202	16	16	1.5	0.235
5	16208	20	20	1.5	0.300
6	16203	20	20	2	0.389
7	16205	25	25	1.5	0.381
8	16206	25	25	2	0.497
9	16279	30	30	1	0.313
10	16242	30	30	1.2	0.373
11	16209	30	30	1.5	0.462
12	16204	30	30	2	0.605
13	16211	30	30	3	0.875
14	12259	30	30	4	1.123
15	16260	34	34	2	0.691
16	16258	34	34	3	1.004
17	16223	34.5	34.5	1.6	0.569
18	16275	35	35	1	0.367
19	16273	35	35	1.2	0.438
20	16217	35	35	2	0.713
21	16270	38	38	3	1.134
23	16276	40	40	1	0.421
24	16246	40	40	1.2	0.503
25	16224	40	40	1.3	0.543



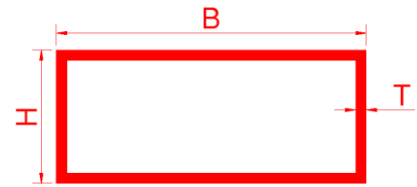
### SQUARE TUBES: WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
26	16226	40	40	1.5	0.624
27	16227	40	40	1.6	0.664
28	16235	40	40	2	0.820
29	16212	40	40	2.5	1.013
30	16231	40	40	3	1.199
31	16213	40	40	4	1.555
32	16236	45	45	1.5	0.705
33	16244	45	45	2	0.929
34	16277	50	50	1.1	0.581
35	16220	50	50	1.5	0.786
36	16228	50	50	1.6	0.836
37	16219	50	50	2	1.037
38	16214	50	50	3	1.523
39	16218	50	50	3.7	1.850
40	16215	50	50	4	1.987
41	16238	60	60	2	1.253
42	16253	60	60	3	1.847
43	16255	60	60	4	2.419
44	16256	70	70	4	2.851
45	16272	75	75	2	1.577
46	16234	80	80	1.5	1.272
47	16230	80	80	2	1.685
48	16257	80	80	3	2.495
49	16216	80	80	4	3.283
50	16247	90	90	1.6	1.528



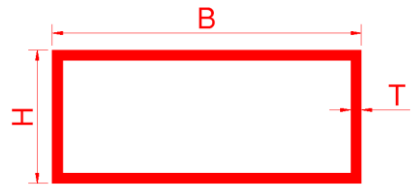
## SQUARE TUBES: WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
51	16241	90	90	2	1.901
52	16229	90	90	2.5	2.363
53	16248	100	100	1.8	1.909
54	16271	100	100	2	2.117
55	16225	100	100	2.5	2.633
56	16262	100	100	4	4.147
57	16250	130	130	3	4.115



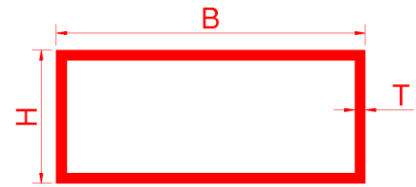
### RECTANGULAR TUBES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
1	16510	17	13	1	0.151
2	16313	20	10	2	0.281
3	16439	20	15	2	0.335
4	16331	25	15	1.5	0.300
5	16514	30	15	1.5	0.340
6	16441	30	15	2	0.443
7	16303	30	20	2	0.497
8	16438	30	25	2	0.551
9	16314	35	15	1.6	0.404
10	16445	35	25	2	0.605
11	16315	35	25	2.5	0.743
12	16436	40	15	2	0.551
13	16456	40	20	1	0.313
14	16332	40	20	1.1	0.343
15	16316	40	20	1.5	0.462
16	16310	40	20	2	0.605
17	16318	40	20	3	0.875
18	16356	40	30	2	0.713
19	16442	40	30	3	1.037
20	16319	40	30	4	1.339
21	16465	45	15	2	0.605
22	16435	50	15	2	0.659
23	16377	50	20	2	0.713
24	16329	50	25	1.5	0.583
25	16330	50	25	2	0.767



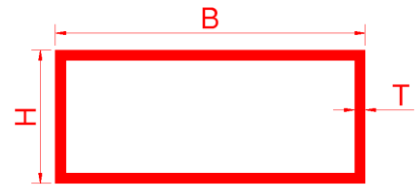
### RECTANGULAR TUBES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
26	16398	50	25	3	1.118
27	16443	50	30	2	0.821
28	16301	50	30	3	1.999
29	16317	50	40	2	0.929
30	16425	50	40	2.5	1.148
31	16320	50	40	4	1.771
32	16449	52.4	32.4	3	1.277
33	16327	60	20	2	0.821
34	16374	60	25	3	1.280
35	16308	60	30	2	0.929
36	16426	60	30	3	1.361
<b>37</b>	<b>16464</b>	<b>60</b>	<b>40</b>	<b>1</b>	<b>0.529</b>
38	16311	60	40	2	1.037
39	16307	60	40	2.5	1.283
40	16304	60	40	3	1.523
41	16302	60	40	4	1.987
42	16357	60	50	3	1.685
43	16385	69	54	1.3	0.845
44	16312	69	54	1.5	0.972
45	16392	70	40	1	0.583
46	16466	70	50	1	0.637
47	16333	75	25	1.2	0.632
48	16390	76	25	2.5	1.296
49	16363	76	50	3	1.944
50	16463	80	20	0.8	0.424
51	16343	80	20	1.5	0.786



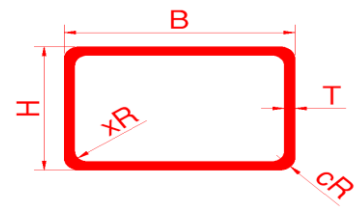
## RECTANGULAR TUBES WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
52	16511	80	20	2	1.037
53	16345	80	22	2	1.058
54	16457	80	40	1.1	0.700
55	16349	80	40	1.3	0.824
56	16346	80	40	1.6	1.009
57	16347	80	40	2	1.253
58	16433	80	40	2.5	1.553
59	16305	80	40	3	1.847
60	16306	80	40	4	2.419
61	16428	80	50	4	2.635
62	16458	80	60	1.2	0.892
63	16429	80	60	4	2.851
64	16437	100	18	2	1.23
65	16373	100	20	1.2	0.762
66	16352	100	20	1.6	1.009
67	16512	100	20	2	1.253
68	16353	100	22	2	1.274
69	16393	100	40	1.2	0.894
70	16365	100	40	1.6	1.182
71	16366	100	40	2	1.469
72	16444	100	40	2.5	1.823
73	16430	100	40	4	2.851
74	16462	100	45	1.5	1.150
75	16384	100	45	2	1.523
76	16367	100	45	2.8	2.108



## RECTANGULAR TUBES WITH SHARP CORNERS

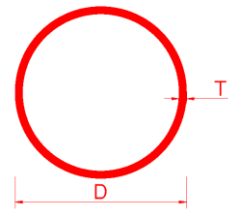
No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
77	16371	100	50	1.3	1.034
78	16355	100	50	2	1.577
79	16440	100	50	3	2.333
80	16427	100	50	4	3.067
81	16358	100	60	4	3.283
82	16351	101.6	50.8	6.35	4.79
83	16372	120	30	1.2	0.956
84	16376	120	30	2	1.577
85	16431	120	40	2.5	2.093
86	16461	120	30	3	2.333
87	16359	120	40	4	3.283
88	16339	120	50	4	3.499
89	16396	120	60	2	1.904
90	16432	120	60	4	3.715
91	16387	120	80	2	2.117
92	16388	120	80	3	3.143
93	16454	145	90	2	2.495
94	16362	145	90	3	3.710
95	16513	150	50	4	4.147
96	16369	150	55	3	3.224
97	16364	153	68	3	3.483
98	16368	160	45	3	3.224
99	16375	160	50	2	2.225
100	16453	170	70	3	3.791
101	16448	175	40	3	3.386
102	16397	175	75	3	3.953



## RECTANGULAR TUBES WITH ROUND CORNERS

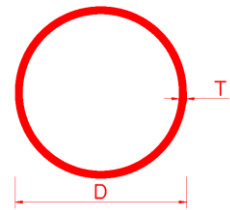
No	Profile No.	B mm	H mm	T mm	CR mm	XR mm	Weight Kg/ml
1	16380	30	20	1.4	3.5	2	0.338
2	16501	30	20	2	2	1	0.490
3	16507	32	25.5	1.5	4.5	3	0.400
4	37205	34	16	1.35	1.5	-	0.340
5	16502	35	25	2	2	1	0.577
6	16379	40	20	1.4	3.5	2.1	0.413
7	16503	40	30	4	2	1	1.333
8	16395	45	20	1.5	1.5	-	0.500
9	16452	50	20.3	1.5	2	-	0.537
10	16309	50	30	2		0.2	0.821
11	16504	50	40	4	2	1	1.764
12	16381	60	40	3	3	1.5	1.483
13	16505	60	40	4	1	2	1.98
14	16334	80	40	1.2		1	0.762
15	16342	80	40	2	1	-	1.251
16	16348	80	60	2	2	0.5	1.460





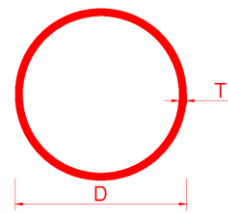
## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
1	11754	8	1	0.059
2	11770	10	1	0.078
3	11765	12	1.5	0.132
4	11761	14	1.8	0.186
5	16103	14	3	0.280
6	16129	15	1.15	0.135
7	11619	15	2	0.219
8	16106	16	1.5	0.184
9	16162	16	1.8	0.217
10	16172	16	2	0.238
11	16101	16	2.5	0.286
12	16123	16	3	0.331
13	16134	17	2.5	0.307
14	16178	17.8	2.55	0.330
15	16170	18	2	0.271
16	16115	18	3.25	0.407
17	11781	18.5	3.65	0.459
18	16109	19	1.5	0.223
19	11609 *	19	1.5	0.223
20	16137	19	2.5	0.350
21	16167	19.6	2.65	0.381
22	16110	19.85	1.5	0.233
23	11762	19.9	1.8	0.276
24	16189	20	1.2	0.191
25	16180	20	1.3	0.206
26	16161	20	1.5	0.235
27	16119	20	2	0.305



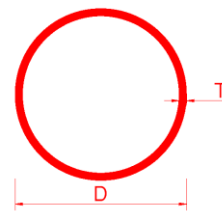
## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
28	16166	20	2.1	0.319
29	11689	20	5	0.636
30	16146	21	2	0.322
31	11690	22	1.5	0.262
32	11691	22	2.5	0.413
33	16171	22	3	0.483
34	16130	22	3.5	0.549
35	16114	22	4.25	0.640
36	16111	22.5	1.4	0.250
37	11610 *	22.5	1.5	0.267
38	11780	23	4.15	0.662
39	16132	23.5	1.35	0.254
40	16177	23.6	2.9	0.510
41	16112	24	1.4	0.268
42	11664	24	3	0.530
43	11621	24	4.5	0.740
44	16160	25	1.5	0.299
45	11635	25	2	0.392
46	11624	25	2.5	0.475
47	16168	25	3	0.560
48	11608	25	4.35	0.762
49	11653	25	6.75	1.048
50	11656 *	26.5	2.8	0.559
51	16169	26.9	3.2	0.643
52	16122	27.5	1.4	0.310
53	16121 *	28	3	0.636
54	16116	28	4.75	0.937



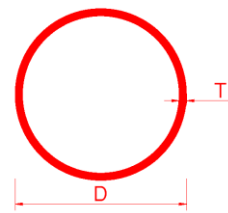
## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
55	11774	28.5	4.8	0.956
56	16174	29.1	4.05	0.861
57	16108	30	1.5	0.363
58	16113	30	2	0.475
59	11723	30	2.5	0.583
60	11692	30	3	0.689
61	11693	30	4	0.883
62	16120	30	5	1.060
63	11702	32	1.5	0.389
64	11705	32	2	0.511
65	11625	32	4	0.937
66	11600	32	5.25	1.191
67	11657 *	33	3.1	0.786
68	11647	33	4.7	1.135
69	16176	33.5	3	0.776
70	11775	34	5.35	1.301
71	11654	34	6.15	1.453
72	11694	35	2	0.559
73	11636	35	3.25	0.875
74	11695	35	5	1.272
75	11721	35	6	1.477
76	16175	35.5	1.7	0.487
77	16139	36	6	1.526
78	16107	37	1.6	0.480
79	16159	37	1.8	0.537
80	16140	38	2.8	0.836
81	11607	38	6	1.628



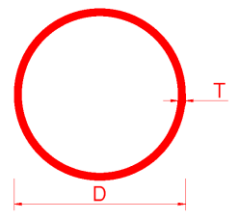
## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
82	11611	38	7.5	1.917
83	11681	38.1	3.25	0.961
84	16158 *	39	2	0.628
85	11756	40	1.1	0.363
86	16104	40	2	0.645
87	11604	40	2.5	0.795
88	16179 *	40	2.5	0.795
89	11697	40	3	0.942
90	16156	40	5	1.484
91	16153 *	40	8	2.172
92	11655	41	3	0.967
93	11666	42	3	0.994
94	11650	43	7	2.138
95	16154	43	13.5	3.376
96	16100	44	3	1.042
97	11713 *	44	7.5	2.322
98	11622	44	8	2.408
99	11709	45	2.5	0.902
100	16133	45	4	1.390
101	11739	46	8.5	2.703
102	11746	46	9	2.824
103	11646	47.6	12.7	3.761
104	11696	48	3	1.145
105	11658 *	48	3.6	1.369
106	16141	48.3	2.9	1.115
107	16136 *	48.3	4	1.501
108	11757	50	1.15	0.477



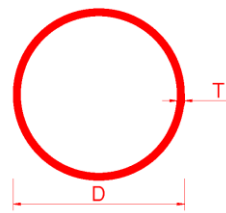
## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
109	16147	50	1.5	0.617
110	16135	50	2	0.814
111	16118	50	2.5	1.007
112	16138	50	3	1.196
113	16197 *	50	3.7	1.452
114	11674	50	4	1.561
115	16148	50	5	1.909
116	16187	50.8	1.2	0.505
117	16155	51	2	0.831
118	11707	54	2	0.883
119	11747	55	1.2	0.548
120	16124 *	58	3	1.399
121	11758	60	1.2	0.599
122	16142	60	2	0.984
123	16125	60	2.5	1.219
124	11684 *	60	2.8	1.359
125	16126	60	3	1.450
126	16102	60	5	2.333
127	11741	60	10.5	4.409
128	11738	60	17.5	6.310
129	11659 *	60.2	3.7	1.785
130	16145 *	60.5	4.75	2.245
131	16182	63	3	1.526
132	11703	65	2	1.070
133	11701	66	1.5	0.821



## ROUND TUBES

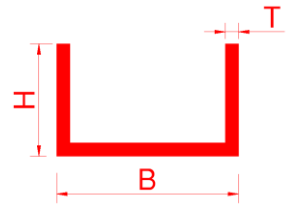
No	Profile No.	D mm	T mm	Weight Kg/ml
134	11673	70	3	1.706
135	11618	70	10	5.090
136	16173	75	2	1.238
137	11629	76	3.3	2.012
138	11605	76.2	1.2	0.763
139	16164	76.2	1.3	0.826
140	16181	76.2	1.5	0.950
141	11616	80	2.5	1.643
142	11704	80	3	1.961
143	11683	80	3.3	2.154
144	11680 *	80	3.5	2.271
145	16127	80	5	3.179
146	11736 *	80	17.5	9.277
147	11700	88	2	1.458
148	11660 *	89	4.9	3.449
149	16186 *	90	3	2.214
150	16188	90	5	3.605
151	11759	90	10	6.786
152	11735 *	90	22.5	12.882
153	16184 *	95	2.5	1.962
154	11750	98.5	1.5	1.234
155	16191	100	3	2.468
156	11729	100	3.3	2.714
157	11682 *	100	3.5	2.865
158	11712	100	4	3.256



## ROUND TUBES

No	Profile No.	D mm	T mm	Weight Kg/ml
159	11706	100	5	4.029
160	16163	101.6	1.3	1.106
161	16157	101.6	1.5	1.273
162	11614	102	6	4.883
163	16143	108	4	3.529
164	11708	110	2.2	2.014
165	11711	110	5	4.452
166	16183	115	5	4.665
167	11661	115	5.6	5.216
168	11730 *	120	3.8	3.753
169	11686 *	120	4	3.936
170	16185	127.04	1.32	1.406
171	16128	128	2.5	2.660
172	11727	128	3.5	3.659
173	11687 *	131	2.5	2.724
174	11672	152.4	2	2.552

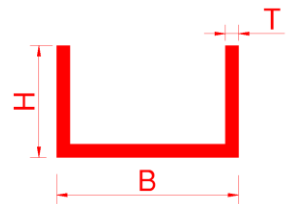
\* تعني وجود سماحات



### U SECTIONS WITH SHARP EDGES & CORNERS

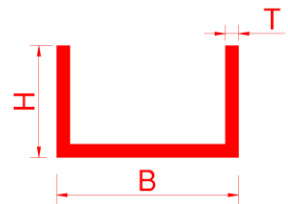
No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
1	12162	8.6	12	1.3	0.105
2	13315	9.1	12	1.3	0.108
3	12152	9.5	8	1.75	0.104
4	12161	10	8	1.5	0.093
5	12208	10	15	1.5	0.154
6	12153	11	10	1.85	0.138
7	12164	12	10	1.5	0.119
8	13151	13	20	1.2	0.164
9	13101	13.5	8	1.5	0.108
10	12163	15	8	1.5	0.113
12	13150	15	10	1.5	0.130
13	12155	15	15	1.5	0.170
14	12110	15	15	2	0.221
16	12165	16	13	1.5	0.157
17	13154	16	20	2	0.281
18	13149	18	20	1.2	0.180
19	13152	18	25	1.2	0.213
20	13148	19	25	1.2	0.216
21	12166	19.5	10	1.5	0.149
22	13165	19.5	17.5	1.5	0.209
23	12160	20	8	1.4	0.124
24	13321	20	10	1.5	0.151
25	13316	20	10	2	0.194





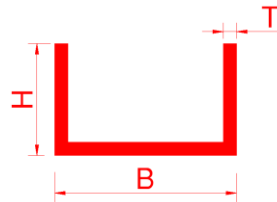
### U SECTIONS WITH SHARP EDGES & CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
26	13155	20	20	1.5	0.231
27	13166	20	20	2	0.302
28	13156	21.5	21.5	1.5	0.249
29	13136	22	10	1.5	0.159
30	13192	22	16.5	1.6	0.224
31	12167	22.5	10	1.5	0.16
32	13157	23	21.5	1.5	0.255
33	13159	25	25	2	0.383
34	13104	25.4	12.7	2.8	0.343
35	13193	26	18.5	2	0.319
36	13185	30	20	2	0.356
37	13167	30	30	3	0.681
38	13164	33	10	1.5	0.203
39	12116	35	35	2	0.545
40	13162	40	20	1.3	0.272
41	13161	40	20	2	0.410
42	13182	40	40	3	0.926
43	13168	40	40	4	1.210
44	13194	44	20	2	0.432
45	13111	44.5	7.5	2.7	0.394
46	13181	50	15	1.5	0.313
47	13153	50	25	2	0.519
48	12121	50	30	2	0.573
49	13158	50	30	3	0.842



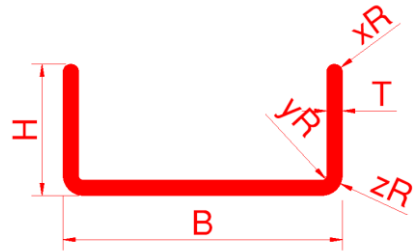
### U SECTIONS WITH SHARP EDGES & CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
50	13191	50	38	4	1.274
51	13173	50	40	3	1.005
52	12115	50	50	4	1.534
53	13169	50	50	5	1.89
54	13172	55	27	2	0.567
55	13122	55	60	3	1.631
56	12117	60	20	2	0.518
57	13198	60	40	3	1.085
58	12118	60	40	5	1.755
59	12111	60	60	2	0.950
60	13199	62.4	50	4	1.668
61	13312	68	50	2	0.889
62	12154	70	90	10	6.210
63	13105	76.2	25.4	3.2	1.042
64	13123	80	20	2	0.626
65	12120	80	30	3	1.085
66	13106	80	40	3	1.250
67	13163	80	40	4	1.642
68	12119	80	45	3	1.328
69	13133	80	45	3.2	1.415
70	13134	80	45	6	2.560
71	13323	100	25	2	0.759
72	13160	100	40	3	1.409
73	13197	100	100	13	9.617
74	13119	120	40	4	2.074



### U SECTIONS WITH SHARP EDGES & CORNERS

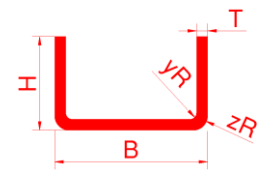
No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
75	12199	146	23.5	2.5	1.269
76	13320	160	65	5	3.780
77	13113	180	20	2.5	1.453



### U SECTIONS WITH ROUND EDGES & CORNERS

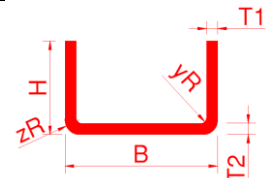
No	Profile No.	B mm	H mm	T mm	YR mm	ZR mm	XR mm	Weight Kg/ml
1	12125	24.6	6.3	1.3	0	-	0.65	0.122
2	37234	33.5	15.5	1.5	0.5	2	0.75	0.265
3	37204	34	16	1.9	0.5	2.5	0.095	0.311
4	13107	35	12	3	-	4	-	0.410
5	37202	35.8	36	2	0.5	2.5	1.00	0.558
6	37201	37	44.5	1.8	1	3	0.90	0.586
7	37203	37.75	30	1.8	0.5	2.5	0.90	0.451

\* All the above profiles have inside rough surface .

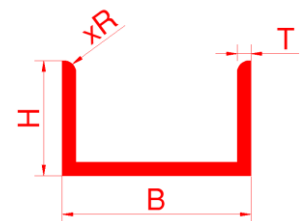


### U SECTIONS WITH SPECIAL SHAPES

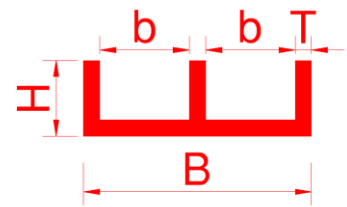
No	Profile No.	B mm	H mm	T mm	ZR mm	YR mm	Weight Kg/ml
1	13188	35.6	15.3	1.3	2.8	1.5	0.216
2	12159	45	50	6	1	1.5	2.155
3	13184	50	25	1.5	3	0.75	0.383
4	13180	80	20	7	2	3	1.998
5	13196	86	40	3	0.5	1.0	1.296
6	13177	88	72	4	10	10	2.336
7	12210	96	28	3	11	-	1.115



No	Profile No.	B mm	H mm	T1 mm	T2 mm	YR	Weight Kg/ml
1	13319	15	7.5	1.5	2	1	0.127
2	13178	15.5	30	2.5	4	-	0.518
3	13183	25.2	4	1.2	1.4	-	0.112
4	13179	33	40	2.5	4	-	0.842
5	12204	38	32	2	1.6	1.6	0.495

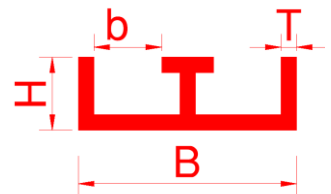


No	Profile No.	B mm	H mm	T mm	XR	Weight Kg/ml
1	13311	102	50	6	6	3.036



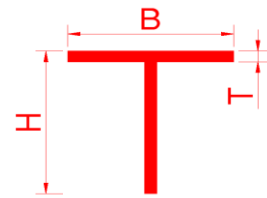
DOUBLE U SECTIONS WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	B mm	Weight Kg/ml
1	12554	13.65	7.75	1.55	4.5	0.135
2	12551	14.25	8	1.75	4.5	0.156
3	12565	16	10	1.3	6.05	0.149
4	12557	16.5	10	1.5	6	0.170
5	12555	17.2	9.6	1.4	6.5	0.158
6	12552	17.25	10	1.75	6	0.200
7	12558	20.5	15	1.5	8	0.247
8	12561	21	14	1.5	8.25	0.238
9	12562	21	7	1.5	8.25	0.154
10	12553	21.2	10	1.8	7.9	0.223
11	12556	21.5	9.5	1.5	8.5	0.185



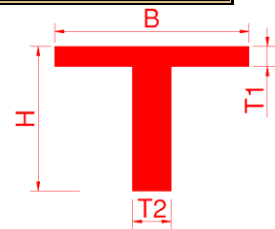
DOUBLE U SECTIONS WITH SPECIAL SHAPE

No	Profile No.	B mm	H mm	T mm	B mm	Weight Kg/ml
1	12563	21	14	1.5	6.5	0.251
2	12564	21	7	1.5	6.5	0.167



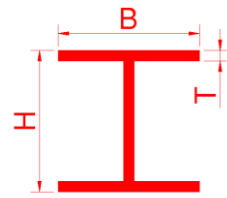
**T SECTIONS : WITH SHARP CORNERS**

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
1	14151	15	15	1.5	0.116
2	14152	20	20	1.5	0.157
3	14148	20	20	2	0.205
4	14311	23	17.5	1.5	0.159
5	14310	25	25	3	0.381
6	14313	30	15	1.5	0.176
7	14199	30	30	3	0.462
8	15005	35	35	3	0.543
9	14150	40	40	4	0.821
10	14312	50	50	4	1.037
11	14155	50	50	5	1.283
12	14351	50	88.9	6	2.153
13	14157	60	60	4	1.253
14	14158	60	60	6	1.847
15	14352	70	70	3	1.110
16	14134	80	45	1.8	0.599
17	14132	120	45	1.8	0.794



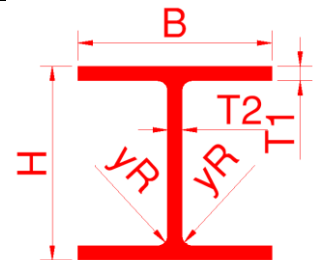
**T SECTIONS : WITH SHARP CORNERS**

No	Profile No.	B mm	H mm	T1mm	T2 mm	Weight Kg/ml
1	14300	39	29	7.8	4	0.948



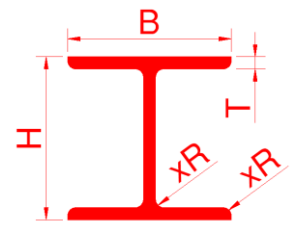
### H SECTIONS: WITH SHARP CORNERS

No	Profile No.	B mm	H mm	T mm	Weight Kg/ml
1	15012	12	9.1	1.3	0.108
2	15008	22	13.5	1.75	0.257
3	15002	43.4	43.4	1.2	0.413
4	15015	44.5	32	3.3	1.021
5	15001	47	47	3	1.094
6	15108	50	50	1.5	0.591
7	15017	80	80	5	3.127
8	15110	80	122	3	2.284



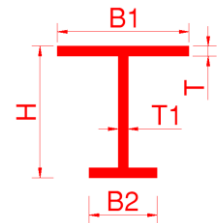
### H SECTIONS : WITH ROUND CORNERS

No	Profile No.	B mm	H mm	T1mm	T2 mm	YR mm	Weight Kg/ml
1	15102	41.65	55.3	1.65	1.65	1	0.605
2	15003	48	65	2.5	2		0.972
3	15016	60	60	5	5	3	2.317
4	15010	74	160	10	7.5	2	6.842



H SECTIONS : WITH SPECIAL SHAPES

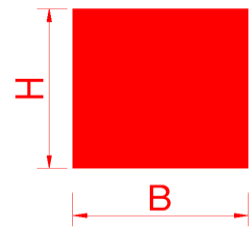
No	Profile No.	B mm	H mm	T mm	XR	Weight Kg/ml
1	15101	35	125	2.5	2.5	1.283



H SECTIONS : WITH SPECIAL SHAPES

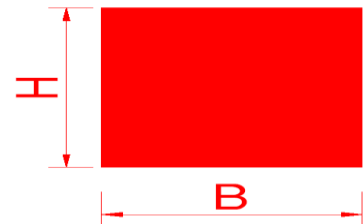
No	Profile No.	B1 mm	<b>B mm</b>	H mm	T mm	T1 mm	T2 mm	Weight Kg/ml
1	15300	76.2	15.90	127	6.35	3.80	6.35	2.754
2	15301	76.2	15.90	152	7.94	3.81	6.35	3.324
3	15302	76.2	31.80	177.8	7.9	4.10	6.35	3.983





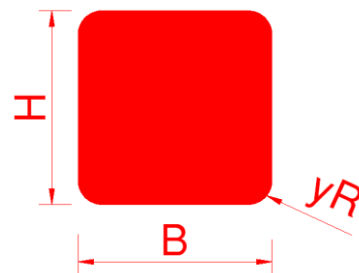
### SQUARE SOLID BARS WITH SHARP CORNERS

No	Profile No.	B mm	H mm	Weight Kg/ml
1	17310	10	10	0.270
2	17321	12	12	0.389
3	17320	15	15	0.608
4	17322	16	16	0.691
5	17309	20	20	1.080
6	17312	25	25	1.688
7	17311	30	30	2.430
8	17313	40	40	4.320



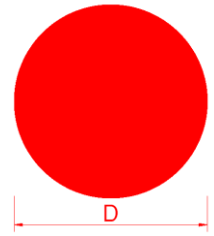
### RECTANGULAR SOLID BARS WITH SHARP CORNERS

No	Profile No.	B mm	H mm	Weight Kg/ml
1	17352	12	13.086	0.338
2	17314	35	25	2.363



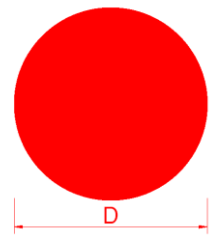
### SQUARE SOLID BARS WITH ROUND EDGES CORNERS

No	Profile No.	B mm	H mm	X mm	Weight Kg/ml
1	17306	8	8	1	0.173
2	11258	40	25	-	2.700



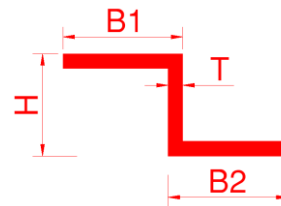
## ROUND SOLID BARS

No	Profile No.	D mm	Weight Kg/ml
1	17436 *	7	0.105
2	17435 *	7.87	0.131
3	17403	8	0.136
4	17433	9	0.173
5	17425	10	0.212
6	17404	11	0.257
7	17405	12	0.305
8	17406	13	0.358
9	17409	14	0.416
10	17428 *	15	0.477
1	17408	16	0.543
12	17407	16.7	0.591
13	17411 *	18	0.687
14	17427	20	0.848
15	17413	22	1.026
16	17430	25	1.288
17	17437 *	27	1.547
18	17432	28	1.663
19	17434	30	1.868
20	17417	32	2.171
21	17418	35	2.598
22	17426	40	3.393
23	17410	45	4.296
24	17421	50	5.301
25	17420	58	7.134



### Round Solid Bars

No	Profile No.	D mm	Weight Kg/ml
26	17414	60	7.633
27	17422	80	13.565
28	17423	105	23.379



### Z Sections

No	Profile No.	H mm	B1mm	B2 mm	T mm	Weight Kg/ml
1	15311	20	21	18	3	0.429
2	1471	24	16	14	3	0.389
3	15312	60	16	14	2	0.464